

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strike through~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

1-15 (Cancelled)

16. (currently amended) A placement/net wiring processing method using an interactive editor comprising ~~the steps of~~:

when placement and wiring graphic information displayed on an editor screen is modified by operating a placement and wiring processing program, storing modification information which includes objects modified by operating through said placement and wiring processing program and events which are executed by said placement and wiring processing program from booting it up to shutting it down;

displaying said modification information so stored on a window of said editor screen, and when whichever said modification information displayed on said window is designated, redisplaying the placement and wiring graphic information associated to said designated modification information on said editor screen.

17. (currently amended) A placement/net wiring processing method using an interactive editor comprising ~~the steps of~~:

displaying on an editor screen placement and wiring graphic information for operation through a placement and wiring processing program, and

when said displayed placement and wiring graphic information is sequentially selected and designated by cursor motion on said editor screen, displaying contents associated with said placement and wiring graphic information so selected and designated, on a window of said editor screen,

wherein, when said placement and wiring graphic information is sequentially selected and designated, a user is able to have a choice of displaying only one of the placement and wiring graphic information on said window, or displaying the placement and wiring graphic information sequentially selected and designated on said window.

18. (currently amended) A placement/net wiring processing method using an

interactive editor comprising ~~the steps~~:

displaying on an editor screen placement and wiring graphic information for operation through a placement and wiring processing program; and

reading out processing-related information associated with placement and wiring which is stored in a storage unit and is designated by a user, and displaying said processing-related information so read out on a window of said editor screen by relating said processing-related information to said placement and wiring graphic information,

wherein, when said user selects and ~~designated~~ designates said processing-related information displayed on said window, said displayed placement and wiring graphic information associated with relevant processing-related information is specified.

19. (currently amended) A placement/net wiring processing method using an interactive editor comprising ~~the steps of~~:

displaying on an editor screen a plurality of placement and wiring graphic information for operation through a placement and wiring processing program;

affixing a mark to said placement and wiring graphic information displayed on said editor screen, said mark being adapted to be displayed on said editor screen when display designation is selected; when said display designation is taken by a user, displaying on said editor screen said plurality of placement and wiring graphic information to which said mark are affixed, in the order of marking; and

when said plurality of placement and wiring graphic information are displayed on said editor screen, adjusting ~~the a~~ magnification of said plurality of placement and wiring graphic information such that ~~the sizes~~ of said placement and wiring graphic information become similar to each other.

20. (currently amended) A placement/net wiring processing method using an interactive editor comprising ~~the steps of~~:

displaying on an editor screen a plurality of placement and wiring graphic information for operation through a placement and wiring processing program;

selecting an area containing said displayed placement and wiring graphic information on said editor screen;

replacing said placement and wiring graphic information within said selected area in accordance with a placement designation information,

wherein said placement designation information designates placement-pitch or placement-distance of said plurality of placement and wiring graphic information, or reversing operation for each of said plurality of placement and wiring graphic information.

21. (currently amended) A placement/net wiring processing method using an interactive editor comprising ~~the steps of~~:

displaying on an editor screen a plurality of placement and wiring graphic information for operation through a placement and wiring processing program; and

registering on a catalog placement-related information associated with respective placed pieces of placement and wiring graphic information on said editor screen; and

highlighting on said editor screen said placement and wiring graphic information in accordance with placement relationship of said registered catalog placement-related information.

22. (currently amended) A placement/net wiring processing method using an interactive editor comprising ~~the steps of~~:

displaying on an editor screen a plurality of pieces of placement and wiring graphic information placed by operating through a placement and wiring processing program;

displaying connecting relationship information between each of said ~~a~~ plurality of pieces of placement and wiring graphic information; and

highlighting said ~~selected~~ displayed connecting relationship information between pieces of placement and wiring graphic information selected by a user and non-selected pieces of placement and wiring graphic information not selected by the user, on said editor screen,

wherein said connecting relationship information includes a wiring configuration for a Steiner tree-like fashion, a wiring configuration for actually wired portions and portions to be wired, a wiring configuration for an arc shape line in a radiating configuration, a wiring configuration for an arc shape line, or, a wiring configuration for a rubber band.

23. (currently amended) A placement/net wiring processing method using an interactive editor comprising ~~the steps of~~:

displaying in windows on an editor screen a list of names of a plurality of pieces of placement and wiring graphic information for operation through a placement and wiring processing program; and

when one of said names of placement and wiring graphic information raised on said list is selected, displaying on said editor screen one of said plurality of pieces of placement and wiring graphic information so selected in accordance with predetermined placing position information which designates a relationship between relevant piece of placement and wiring graphic information and other pieces of placement and wiring graphic information.

24. (currently amended) A placement/net wiring processing method using an interactive editor comprising ~~the steps of~~:

selecting placement and wiring graphic information for operation through a placement and wiring processing program, and displaying said selected placement and wiring graphic information on an editor screen; and

when a moving direction of said displayed placement and wiring graphic information is preliminarily designated on said editor screen, said displayed placement and wiring graphic information is moved under said moving direction on said editor screen.

25. (currently amended) A placement/net wiring processing method using an interactive editor comprising ~~the steps of~~:

selecting for display on an editor screen placement and wiring graphic information for operation through a placement and wiring processing program, and displaying said selected placement and wiring graphic information on an editor screen;

when said displayed placement and wiring graphic information is designated, selecting a copy command which designates copying of at least partial information within said displayed placement and wiring graphic information; and

when a copying position is designated on said editor screen, copying said at least partial information of placement and wiring graphic information at said designated copying position under said copy command.

26. (currently amended) A placement/net wiring processing method using an interactive editor comprising ~~the steps of~~:

selecting a plurality of pieces of placement and wiring graphic information for operation through a placement and wiring processing program, and displaying said plurality of pieces of placement and wiring graphic information on an editor screen;

displaying position information associated with respective pieces of placement and wiring graphic information on said editor screen;

reading out a placement and wiring rule for said plurality of pieces of placement and wiring graphic information; and

checking on positional relationships between said displayed respective pieces of said plurality of pieces of placement and wiring graphic information in accordance with said read out placement and wiring rule .

27. (currently amended) A placement/net wiring processing method using an interactive editor comprising ~~the step of~~:

displaying on an editor screen a plurality of pieces of placement and wiring graphic information;

when displaying on said editor screen an area containing a plurality of pieces of placement and wiring graphic information placed by operating a placement and wiring processing program, displaying said area by a frame; and

when a portion of said area within said frame is enlarged and displayed on said editor screen, displaying a painted-out pattern inside said frame.

28. (currently amended) A placement/net wiring processing method using an interactive editor comprising:

designating displaying modification information stored when placement and wiring graphic information displayed on an editor screen is modified by operating a placement and wiring processing program; and

redisplaying the placement and wiring graphic information associated with said designated modification information on said editor screen when said displayed modification information ~~displayed on said window~~ is designated.

29. (new) A placement/net wiring processing method using an interactive editor comprising:

designating, by a user, processing-related information to be associated with placement and wiring information;

displaying said designated processing-related information on a window of an editor screen; and

specifying said placement and wiring graphic information associated with said relevant processing-related information on said editor screen when said user selects said designated processing-related information.